

This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List) A1127 LITHO WHITE GREASE	Date Prepared: 06-11-2020
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Physical Hazards	Flammable aerosol Category 1
Health Hazards	Aspiration Hazard Category 1
Environmental Hazards	Acute hazards to the aquatic environment Category 2 Chronic hazards to the aquatic environment Category 2

Label Elements

Hazard Symbols



Signal Word Danger.

Hazard Statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid release to the environment.
Response	If Swallowed: Immediately call a POISON CENTER/doctor Do NOT induce vomiting. Collect spillage.
Storage	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Disposal	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Hazard(s) not Otherwise Classified (HNOC) None

Section 3 ~ Composition/Information on Ingredients

Mixtures

Chemical Identity	CAS No.	%(Wt.)
Distillates (petroleum), hydrotreated light	64742-47-8	25 - <50%
Propane	74-98-6	10 - <20%
Heptane, branched, cyclic and linear	426260-76-6	2.5 - <5%
Heptane	142-82-5	1 - <5%
Naphtha (petroleum), hydrotreated light	64742-49-0	1 - <5%
Solvent naphtha (petroleum), light aliph.	64742-89-8	1 - <5%
Titanium oxide (TiO2)	13463-67-7	1 - <5%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Section 4 ~ First Aid Measures

Ingestion: Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Inhalation: Move to fresh air.

Skin Contact: Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

Eye Contact: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

Most Important Symptoms/Effects, Acute and Delayed

Symptoms: No data available.

Hazards: No data available.

Indication of Immediate Medical Attention and Special Treatment Needed

Treatment: No data available.

Section 5 ~ Fire Fighting Measures

General Fire Hazards: Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

Suitable (and unsuitable) Extinguishing Media

Suitable Extinguishing Media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards Arising from the Chemical: Vapors may travel considerable distance to a source of ignition and flash back.

Special Protective Equipment and Precautions for Firefighters

Special Fire Fighting Procedures: No data available.

Special Protective Equipment for Fire-Fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

Methods and Material for Containment and Cleaning Up: Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

Environmental Precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment.

Section 7 ~ Handling and Storage

Precautions for Safe Handling: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

Conditions for Safe Storage, Including any Incompatibilities: Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 2

Section 8 ~ Exposure Controls/Personal Protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values		Source
Distillates (petroleum), hydrotreated light	REL	100 mg/m ³		US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
Distillates (petroleum), hydrotreated light - Non-aerosol. - as total hydrocarbon vapor	TWA	200 mg/m ³		US. ACGIH Threshold Limit Values, as amended (2008)
Propane	TWA	200 mg/m ³		US. ACGIH Threshold Limit Values, as amended (2008)
Naphtha (petroleum), hydrotreated light	REL	1,000 ppm	1,800 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	REL	1,000 ppm	1,800 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
	TWA	1,000 ppm	1,800 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	REL	100 ppm	400 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (03 2016)
Solvent naphtha (petroleum), light aliph.	TWA	100 ppm	400 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2010)
	REL	100 ppm	400 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	100 ppm	400 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2010)
	REL	100 ppm	400 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
Heptane	REL	100 ppm	400 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (03 2016)
	REL	85 ppm	350 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	REL	500 ppm	2,000 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	REL	500 ppm	2,000 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
Titanium oxide (TiO ₂)	STEL	400 ppm		US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	500 ppm		US. ACGIH Threshold Limit Values, as amended (02 2012)
	Ceiling	440 ppm	1,800 mg/m ³	US. ACGIH Threshold Limit Values, as amended (02 2012)
	TWA		10 mg/m ³	US. ACGIH Threshold Limit Values, as amended (2008)
Titanium oxide (TiO ₂) - Total dust.	TWA		10 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	REL		15 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
Titanium oxide (TiO ₂) - Respirable fraction.	TWA		5 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)
	TWA		15 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)
Titanium oxide (TiO ₂) - Total dust.	TWA		15 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)
	TWA		50 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)
Benzene, methyl-	STEL	150 ppm	560 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	REL	100 ppm	375 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	TWA	100 ppm	375 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	Ceiling	300 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)
	TWA	20 ppm		US. ACGIH Threshold Limit Values, as amended (2008)
	TWA	200 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)
	MAX. CONC	500 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)
	STEL	100 ppm	560 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	REL	0.1 ppm		US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	TWA	1 ppm		US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
Benzene	Ceiling	25 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)
	TWA	0.5 ppm		US. ACGIH Threshold Limit Values, as amended (2008)
	STEL	2.5 ppm		US. ACGIH Threshold Limit Values, as amended (2008)
	STEL	5 ppm		US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended (02 2006)
	OSHA_ACT	0.5 ppm		US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended (02 2006)
	TWA	10 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)
	MAX. CONC	50 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)
	STEL	5 ppm		US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	1 ppm		US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended (02 2006)
	STEL	1 ppm		US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
Benzene, (1-methylethyl)-	REL	50 ppm	245 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	TWA	50 ppm		US. ACGIH Threshold Limit Values, as amended (2008)
	REL	50 ppm	245 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
	TWA	50 ppm	245 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
Benzene, ethyl-	TWA	1 ppm		US. ACGIH Notice of Intended Changes (NIC) to Threshold Limit Values, as amended (03 2018)
	STEL	125 ppm	545 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	REL	100 ppm	435 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	REL	100 ppm	435 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
Benzene, ethyl-	STEL	125 ppm	545 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	100 ppm	435 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	20 ppm		US. ACGIH Threshold Limit Values, as amended (12 2010)

Biological Limit Values**Chemical Identity**

Benzene, methyl- (toluene: Sampling time: End of shift.)
 Benzene, methyl- (o-Cresol, with hydrolysis: Sampling time: End of shift.)
 Benzene, methyl- (toluene: Sampling time: Prior to last shift of work week.)
 Benzene (S-Phenylmercapturic acid: Sampling time: End of shift.)
 Benzene (t,t-Muconic acid: Sampling time: End of shift.)
 Benzene, ethyl- (Sum of mandelic acid and phenylglyoxylic acid:
 Sampling time: End of shift.)

Exposure Limit

0.03 mg/l (Urine)
 0.3 mg/g (Creatinine in urine)
 0.02 mg/l (Blood)
 25 µg/g (Creatinine in urine)
 500 µg/g (Creatinine in urine)
 0.15 g/g (Creatinine in urine)

Values Source

ACGIH BEL (03 2013)
 ACGIH BEL (03 2013)
 ACGIH BEL (03 2013)
 ACGIH BEL (03 2013)
 ACGIH BEL (03 2013)
 ACGIH BEL (02 2014)

Appropriate Engineering Controls: No data available.

Individual Protection Measures, Such as Personal Protective Equipment

General Information: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances, such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

Eye/Face Protection: Wear safety glasses with side shields (or goggles).

Skin Protection

Hand Protection: No data available.

Other: Wear suitable protective clothing.

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene Measures: Observe good industrial hygiene practices. When using do not smoke.

Section 9 ~ Physical and Chemical Properties**Appearance**

Physical State: liquid

Form: Aerosol

Color: White

Odor: No data available.

Odor Threshold: No data available.

pH: No data available.

Melting Point/Freezing Point: No data available.

Initial Boiling Point and Boiling Range: No data available.

Flash Point: -104.4°C

Evaporation Rate: No data available.

Flammability (solid, gas): No data available.

Upper/Lower Limit on Flammability or Explosive Limits

Flammability Limit - Upper (%): No data available.

Flammability Limit - Lower (%): No data available.

Explosive Limit - Upper (%): No data available.

Explosive Limit - Lower (%): No data available.

Vapor Pressure: 4,826 – 6,205 hPa (20 °C).

Vapor Density: No data available.

Density: No data available.

Relative Density: No data available.

Solubility(ies)

Solubility in Water: No data available.

Solubility (other): No data available.

Partition coefficient (n-octanol/water): No data available.

Auto-Ignition Temperature: No data available.

Decomposition Temperature: No data available.

Viscosity: No data available.

Section 10 ~ Stability and Reactivity

Reactivity: No data available.

Chemical Stability: Material is stable under normal conditions.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: Avoid heat or contamination.

Incompatible Materials: No data available.

Hazardous Decomposition Products: No data available.

Section 11 ~ Toxicological Information**Information on Likely Routes of Exposure**

Inhalation: No data available.

Skin Contact: No data available.

Eye Contact: No data available.

Ingestion: No data available.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Inhalation: No data available.

Skin Contact: No data available.

Eye Contact: No data available.

Ingestion: No data available.

Information on Toxicological Effects**Acute Toxicity (list all possible routes of exposure)****Oral**

Product: Not classified for acute toxicity based on available data.

Specified Substance(s):

Distillates (petroleum), hydrotreated light

LD 50 (Rat): > 5,000 mg/kg

Heptane, branched, cyclic and linear

LD 50: > 2,000 mg/kg

Heptane

LD 50 (Rat): > 5,000 mg/kg

Naphtha (petroleum), hydrotreated light

LD 50 (Rat): > 5,000 mg/kg

Solvent naphtha (petroleum), light aliph.

LD 50 (Rat): > 5,000 mg/kg

Titanium oxide (TiO₂)

LD 50 (Rat): > 5,000 mg/kg

Dermal

Product: Not classified for acute toxicity based on available data.

Specified Substance(s):

Distillates (petroleum), hydrotreated light

LD 50 (Rabbit): > 2,000 mg/kg

Heptane, branched, cyclic and linear

LD 50: > 2,000 mg/kg

Heptane

LD 50 (Rabbit): > 2,000 mg/kg

Naphtha (petroleum), hydrotreated light
LD 50 (Rabbit): > 3,750 mg/kg
Solvent naphtha (petroleum), light aliph.
LD 50 (Rabbit): > 3,000 mg/kg
Titanium oxide (TiO₂)
LD 50: > 2,000 mg/kg

Inhalation

Product: Not classified for acute toxicity based on available data.

Specified Substance(s):

Distillates (petroleum), hydrotreated light
LC 50: > 5 mg/l
LC 50: > 20 mg/l

Propane
LC 50: > 100 mg/l
LC 50: > 100 mg/l

Heptane, branched, cyclic and linear
LC 50: > 20 mg/l
LC 50: > 5 mg/l

Heptane
LC 50 (Rat): > 29.29 mg/l
LC 50: > 100 mg/l

Naphtha (petroleum), hydrotreated light
LOAEL (Human): 2,400 mg/m³
LC 50 (Rat): > 7,630 mg/m³
LC 50: > 5 mg/l

Solvent naphtha (petroleum), light aliph.
LC 50: > 100 mg/l
LC 50: > 100 mg/l

Titanium oxide (TiO₂)
LC 50 (Rat): > 6.82 mg/l

Repeated Dose Toxicity

Product: No data available.

Specified Substance(s):

Distillates (petroleum), hydrotreated light
NOAEL (Rat(Female, Male), Inhalation): >= 24 mg/m³ Inhalation Experimental result, Key study
NOAEL (Rat(Female), Oral, 70 - 147 d): 750 mg/kg Oral Experimental result, Key study

Propane
NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study

Heptane
NOAEL (Rat(Male), Inhalation): 12,470 mg/m³ Inhalation Experimental result, Key study

Naphtha (petroleum), hydrotreated light
LOAEL (Rat(Female, Male), Oral, 13 Weeks): 1,250 mg/kg Oral Read-across based on grouping of substances (category approach), Key study
NOAEL (Rat(Female, Male), Dermal, 28 d): > 375 mg/kg Dermal Experimental result, Supporting study
NOAEL (Rat(Female, Male), Inhalation): 10,000 mg/m³ Inhalation Experimental result, Key study

Solvent naphtha (petroleum), light aliph.
NOAEL (Mouse, Rat(Female, Male), Inhalation, 107 - 113 Weeks): 1,402 mg/m³ Inhalation Experimental result, Key study
NOAEL (Rat(Female, Male), Dermal, 5 - 28 d): 3,750 mg/kg Dermal Experimental result, Key study
NOAEL (Rat(Female, Male), Dermal, 28 d): > 375 mg/kg Dermal Experimental result, Supporting study

Titanium oxide (TiO₂)
NOAEL (Rat(Male), Oral, 29 d): 24,000 mg/kg Oral Experimental result, Key study
NOAEL (Rat(Female, Male), Inhalation): 50 mg/m³ Inhalation Experimental result, Key study

Skin Corrosion/Irritation

Product: No data available.

Specified Substance(s):

Distillates (petroleum), hydrotreated light
in vivo (Rabbit): Not irritant Experimental result, Key study

Heptane
in vivo (Rabbit): Irritating Read-across based on grouping of substances (category approach), Key study

Titanium oxide (TiO₂)
in vivo (Rabbit): Not irritant Experimental result, Key study

Serious Eye Damage/Eye Irritation

Product: No data available.

Specified Substance(s):

Distillates (petroleum), hydrotreated light
Rabbit, 24 - 72 hrs: Not irritating

Heptane
Rabbit, 24 - 72 hrs: Not irritating

Naphtha (petroleum), hydrotreated light
Rabbit, 24 - 72 hrs: Not irritating

Solvent naphtha (petroleum), light aliph.
Rabbit: Not irritating

Titanium oxide (TiO₂)
Rabbit, 24 - 72 hrs: Not irritating

Respiratory or Skin Sensitization

Product: No data available.

Specified Substance(s):

Distillates (petroleum), hydrotreated light
Skin sensitization:, in vivo (Guinea pig): Non sensitizing

Heptane
Skin sensitization:, in vivo (Guinea pig): Non sensitizing

Naphtha (petroleum), hydrotreated light
Skin sensitization:, in vivo (Guinea pig): Non sensitizing

Solvent naphtha (petroleum), light aliph.
Skin sensitization:, in vivo (Guinea pig): Non sensitizing

Titanium oxide (TiO₂)
Skin sensitization:, in vivo/in vitro (Guinea pig): Non sensitizing

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens: No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): No carcinogenic components identified

Germ Cell Mutagenicity**In vitro**

Product: No data available.

In vivo

Product: No data available.

Reproductive Toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified Substance(s):

Heptane

Narcotic effect. - Category 3 with narcotic effects.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Specified Substance(s):

Distillates (petroleum), hydrotreated light

May be fatal if swallowed and enters airways.

Heptane, branched, cyclic and linear

May be fatal if swallowed and enters airways.

Heptane

May be fatal if swallowed and enters airways.

Naphtha (petroleum), hydrotreated light

May be fatal if swallowed and enters airways.

Solvent naphtha (petroleum), light aliph.

May be fatal if swallowed and enters airways.

Other Effects: No data available.

Section 12 ~ Ecological Information**Ecotoxicity:****Acute Hazards to the Aquatic Environment:****Fish**

Product: No data available.

Specified Substance(s):

Propane

LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

Heptane

LC 50 (Mozambique tilapia (Tilapia mossambica), 96 h): 375 mg/l Mortality

Naphtha (petroleum), hydrotreated light

LC 50 (96 h): 8.41 mg/l Experimental result, Key study

Titanium oxide (TiO₂)

LC 50 (Oncorhynchus mykiss, 96 h): > 100 mg/l Experimental result, Weight of Evidence study

Aquatic Invertebrates

Product: No data available.

Specified Substance(s):

Heptane

EC 50 (Daphnia magna, 48 h): 1.5 mg/l Experimental result, Key study

Naphtha (petroleum), hydrotreated light

EC 50 (Daphnia magna, 48 h): 4.5 mg/l Experimental result, Key study

Solvent naphtha (petroleum), light aliph.

EC 50 (Daphnia magna, 48 h): 32 mg/l Experimental result, Supporting study

Titanium oxide (TiO₂)

LC 50 (Daphnia magna, 48 h): > 100 mg/l Experimental result, Weight of Evidence study

Chronic Hazards to the Aquatic Environment:**Fish**

Product: No data available.

Specified Substance(s):

Distillates (petroleum), hydrotreated light

NOAEL (Oncorhynchus mykiss): 0.098 mg/l QSAR QSAR, Key study

Heptane

NOAEL (Oncorhynchus mykiss): 1.284 mg/l QSAR QSAR, Key study

Naphtha (petroleum), hydrotreated light

EC 50 (Daphnia magna): 10 mg/l Other, Key study

NOAEL (Daphnia magna): 2.6 mg/l Other, Key study

Aquatic Invertebrates

Product: No data available.

Specified Substance(s):

Heptane, branched, cyclic and linear

NOEC : < 1 mg/l estimation

Heptane
NOAEL (Daphnia magna): 0.17 mg/l Read-across based on grouping of substances (category approach), Key study
EC 50 (Daphnia magna): 0.23 mg/l Read-across based on grouping of substances (category approach), Key study

Naphtha (petroleum), hydrotreated light
EC 50 (Daphnia magna): 10 mg/l Experimental result, Key study
NOAEL (Daphnia magna): 2.6 mg/l Experimental result, Key study

Solvent naphtha (petroleum), light aliph.
EC 50 (Daphnia magna): > 40 mg/l Experimental result, Key study

Titanium oxide (TiO₂)
NOAEL (Daphnia magna): 100 mg/l Experimental result, Supporting study

Toxicity to Aquatic Plants**Product:** No data available.**Persistence and Degradability****Biodegradation****Product:** No data available.**Specified Substance(s):**

Distillates (petroleum), hydrotreated light
61 % Detected in water. Experimental result, Supporting study

Propane
100 % (385.5 h) Detected in water. Experimental result, Key study
50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study

Heptane
70 % Detected in water. Experimental result, Key study

Naphtha (petroleum), hydrotreated light
90.35 % (28 d) Detected in water. Experimental result, Supporting study

Solvent naphtha (petroleum), light aliph.
90.35 % (28 d) Detected in water. Experimental result, Supporting study

BOD/COD Ratio**Product:** No data available.**Bioaccumulative potential****Bioconcentration Factor (BCF)****Product:** No data available.**Specified Substance(s):**

Heptane
Bioconcentration Factor (BCF): 552 Aquatic sediment Estimated by calculation, Key study

Naphtha (petroleum), hydrotreated light
Bioconcentration Factor (BCF): 10 - 2,500 Aquatic sediment Estimated by calculation, Key study

Solvent naphtha (petroleum), light aliph.
Bioconcentration Factor (BCF): 10 - 2,500 Aquatic sediment Estimated by calculation, Key study

Titanium oxide (TiO₂)
Oncorhynchus mykiss, Bioconcentration Factor (BCF): 34 - 352 Aquatic sediment Experimental result, Key study

Partition Coefficient n-octanol / water (log Kow)**Product:** No data available.**Specified substance(s):****Naphtha (petroleum), hydrotreated light**

Log Kow: > 2.4 - < 5.7 23 °C Yes Experimental result, Key study
Log Kow: 2.2 - 5.2 23 °C Yes Experimental result, Key study
Log Kow: 2.2 - 6.1 23 °C Yes Experimental result, Key study

Mobility in Soil: No data available.**Known or Predicted Distribution to Environmental Compartments**

Distillates (petroleum), hydrotreated light	No data available.
Propane	No data available.
Heptane, branched, cyclic and linear	No data available.
Heptane	No data available.
Naphtha (petroleum), hydrotreated light	No data available.
Solvent naphtha (petroleum), light aliph.	No data available.
Titanium oxide (TiO ₂)	No data available.

Other Adverse Effects: Toxic to aquatic life with long lasting effects.

Section 13 ~ Disposal Considerations

Disposal Instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws.**Contaminated Packaging:** No data available.

Section 14 ~ Transportation Information

DOT	IMDG	IATA
UN Number: UN 1950	UN Number: UN 1950	UN Number: UN 1950
UN Proper Shipping Name: Aerosols, flammable	UN Proper Shipping Name: Aerosols, flammable	Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es)	Transport Hazard Class(es)	Transport Hazard Class(es):
Class: 2.1	Class: 2	Class: 2.1
Label(s): –	Label(s): –	Label(s): –
Packing Group: II	EmS No.: F-D, S-U	Packing Group: –
Marine Pollutant: No	Packing Group: –	Environmental Hazards: Yes
Environmental Hazards: No	Environmental Hazards: Yes	Marine Pollutant: No
Marine Pollutant: No	Marine Pollutant: No	Special Precautions for User: Not regulated.
Special Precautions for User: Not regulated.	Special Precautions for User: Not regulated.	Cargo Aircraft Only: Allowed.

Section 15 ~ Regulatory Information**US Federal Regulations**

Restrictions on Use: Not known.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

Chemical Identity	OSHA Hazard(s)
Benzene	Flammability
	Cancer
	Aspiration
	Eye
	Blood
	Skin
	Respiratory tract irritation
	Central nervous system

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity	Reportable quantity
Propane	lbs. 100
Heptane	lbs. 100
Benzene, methyl-	lbs. 1000
Benzene	lbs. 10
Benzene, (1-methylethyl)-	lbs. 5000
Benzene, ethyl-	lbs. 1000

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Hazard Categories**

- Fire Hazard
- Immediate (Acute) Health Hazards
- Flammable aerosol
- Aspiration Hazard

SARA 302 Extremely Hazardous Substance

Chemical Identity	Reportable quantity	Threshold Planning Quantity
Distillates (petroleum), hydrotreated light		

SARA 304 Emergency Release Notification

Chemical Identity	Reportable quantity
Distillates (petroleum), hydrotreated light	
Propane	lbs. 100
Heptane	lbs. 100
Benzene, methyl-	lbs. 1000
Benzene	lbs. 10
Benzene, (1-methylethyl)-	lbs. 5000
Benzene, ethyl-	lbs. 1000

SARA 311/312 Hazardous Chemical

Chemical Identity	Threshold Planning Quantity
Distillates (petroleum), hydrotreated light	10000 lbs
Propane	10000 lbs
Heptane, branched, cyclic and linear	10000 lbs
Heptane	10000 lbs
Naphtha (petroleum), hydrotreated light	10000 lbs
Solvent naphtha (petroleum), light aliph.	10000 lbs
Titanium oxide (TiO ₂)	10000 lbs
Benzene, methyl-	10000 lbs
Benzene	10000 lbs
Benzene, (1-methylethyl)-	10000 lbs
Benzene, ethyl-	10000 lbs

SARA 313 (TRI Reporting): None present or none present in regulated quantities.**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):****Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)****US State Regulations****US. California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

Titanium oxide (TiO ₂)	Carcinogenic. 09 2011
Benzene, methyl-	Developmental toxin. 03 2008
Benzene	Developmental toxin. 03 2008
Benzene	Carcinogenic. 05 2011
Benzene	Male reproductive toxin. 03 2008
Benzene, (1-methylethyl)-	Carcinogenic. 05 2011
Benzene, ethyl-	Carcinogenic. 05 2011

US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity
Distillates (petroleum), hydrotreated light
Propane
Naphtha (petroleum), hydrotreated light
Solvent naphtha (petroleum), light aliph.
Heptane
Titanium oxide (TiO ₂)

US. Massachusetts RTK - Substance List

Chemical Identity
Benzene

US. Pennsylvania RTK - Hazardous Substances**Chemical Identity**

Distillates (petroleum), hydrotreated light

Propane

Naphtha (petroleum), hydrotreated light

Solvent naphtha (petroleum), light aliph.

Heptane

Titanium oxide (TiO₂)**US. Rhode Island RTK** No ingredient regulated by RI Right-to-Know Law present.**International Regulations****Montreal protocol**

Distillates (petroleum), hydrotreated light

Stockholm convention

Distillates (petroleum), hydrotreated light

Rotterdam convention

Distillates (petroleum), hydrotreated light

Kyoto protocol**Inventory Status:****Australia AICS:** Not in compliance with the inventory.**Canada DSL Inventory List:** On or in compliance with the inventory**EINECS, ELINCS or NLP:** Not in compliance with the inventory.**Japan (ENCS) List:** Not in compliance with the inventory.**China Inv. Existing Chemical Substances:** Not in compliance with the inventory.**Korea Existing Chemicals Inv. (KECI):** Not in compliance with the inventory.**Canada NDSL Inventory:** Not in compliance with the inventory.**Philippines PICCS:** On or in compliance with the inventory**US TSCA Inventory:** On or in compliance with the inventory**New Zealand Inventory of Chemicals:** Not in compliance with the inventory.**Japan ISHL Listing:** Not in compliance with the inventory.**Japan Pharmacopoeia Listing:** Not in compliance with the inventory.**Mexico INSQ:** Not in compliance with the inventory.**Ontario Inventory:** Not in compliance with the inventory.**Taiwan Chemical Substance Inventory:** On or in compliance with the inventory

Section 16 ~ Other Information

Disclaimer: Omega Industrial Supply, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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